

CLAIMS

1. A detector agent for halogen compounds, which ^{comprises}~~contains~~ curcumin as a discoloring component.

5 2. A detector agent for halogen compounds, which ^{comprises}~~contains~~ Bromocresol Green as a discoloring component.

10 3. A detector agent for halogen compounds, according to claim 1 or 2, in which said discoloring component is supported on granular activated alumina.

15 4. A method for detecting halogen compounds, which comprises bringing a detector agent according to anyone of claims 1 to 3 into contact with a gas to be detected that may contain halogen compounds, as said detector agent is disposed on a position where it can be visually observed from the outside.

20 5. A method for detecting halogen compounds, which comprises visually observing from the outside a detector agent according to anyone of claims 1 to 3, disposed on the upper layer of a solid treatment agent for removing or decomposing halogen compounds, as a gas to be treated is caused for treatment to flow from the bottom side of a container filled with said solid treatment agent, whereby halogen compounds are detected to judge the
25 deterioration of said solid treatment agent.